

Claims

1. A hermetic compressor comprising:
 - a hermetic container storing an oil, and
 - 5 a compressing element accommodated in the hermetic container and compressing a refrigerant gas,
 - wherein the compressing element has:
 - a compressing chamber,
 - a cylinder forming the compressing chamber,
 - 10 a piston inserted into the cylinder and reciprocating, and
 - a suction muffler whose one end communicates with the compressing chamber, and
 - the suction muffler has:
 - a sound deadening space,
 - 15 a gas flow forming part forming a gas flow flowing in a constant direction in the sound deadening space, and
 - an oil discharged opening provided in a downstream side of the gas flow in a lower part of the sound deadening space.
2. The hermetic compressor of Claim 1, further comprising:
 - 20 an inlet pipe whose one end opens to the sound deadening space and whose other end opens to the hermetic container,
 - wherein the inlet pipe opens while being extended to any one of an upper end face, a lower end face, a left end face and a right end face of the sound deadening space, thereby constituting the gas flow forming part.
- 25 3. The hermetic compressor of Claim 1, further comprising:
 - an outlet pipe whose one end opens to the sound deadening space and whose other end opens to the compressing chamber,

wherein the outlet pipe opens while being extended to any one of an upper end face, a lower end face, a left end face and a right end face of the sound deadening space, thereby constituting the gas flow forming part.

4. The hermetic compressor of Claim 3,

5 wherein the outlet pipe is extended along an upper end face of the sound deadening space.

5. The hermetic compressor of any one of Claim 1 to Claim 4,

wherein a lower face of the sound deadening space is constituted by a substantially horizontal face, and the oil discharged opening is provided at an 10 end part of the lower face of the sound deadening space.

6. The hermetic compressor of any one of Claim 1 to Claim 4,

wherein the suction muffler is formed with an annular gas passage in the sound deadening space.

7. The hermetic compressor of Claim 5,

15 wherein the suction muffler is formed with an annular gas passage in the sound deadening space.